

List of Capital Improvement Projects

Cachuma Operation and Maintenance Board Capital Program

- (1) Construction of an additional section of pipeline and improvements to South Coast Conduit to increase operational flexibility, reliability and capacity.
- (2) Rehabilitation of South Coast Conduit crossings over Mission Creek and two other streams in Santa Barbara County between Glen Annie Reservoir and Carpinteria Reservoir.
- (3) Installation of isolation valves in order to allow segregated sections of South Coast Conduit to be shut down for future repair and maintenance.
- (4) Rehabilitation of a portion of South Coast Conduit lower reach laterals, air release outlets and blowoff drains to improve reliability and protect against corrosion.
- (5) Improvements to Lauro Reservoir, Barker Pass and Sheffield Tunnel vent structures to accommodate refined hydraulic capacity and surge suppression and reduce potential for flooding damage to private property.
- (6) Implementation of a program to locate and map South Coast Conduit from Goleta to Carpinteria, accurately define the pipeline right-of-way, identify and prevent encroachments onto South Coast Conduit easement and develop a comprehensive facilities Geographic Information System.
- (7) Rehabilitation of South Coast Conduit at creek crossings identified as having been exposed due to erosion.
- (8) Rehabilitation of a portion of South Coast Conduit laterals, air release outlets and blowoff drains to improve reliability and protect against corrosion.
- (9) Improvements to control station piping to remove of redundant valves and piping and install hydraulically efficient meters and automated control valves.
- (10) Replacement of two Venturi meters with a single sonic-type meter which will increase reliability, increase the accuracy of flow measurement, and reduce head loss.
- (11) Installation of air release and vacuum valves on South Coast Conduit in Sheffield Tunnel.
- (12) Reconstruction and reconfiguration of Glen Annie Turnout Weir to increase length, improve reliability, reduce undersirable head loss and facilitate maintenance of the turnout.
- (13) Conduct structural inspection and analysis of Lake Cachuma Intake Tower using modern codes and computer analyses to assess seismic risk.
- (14) Conduct assessment of Lake Cachuma Intake Tower gate operability problems due to submergence and trapped debris or corrosion.